



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 9403

|  |   |                                  |   |                                      |                                |
|--|---|----------------------------------|---|--------------------------------------|--------------------------------|
| <b>SERIAL NUMBER</b><br>09/843,939   | <b>FILING DATE</b><br>04/30/2001<br><b>RULE</b>   | <b>CLASS</b><br>704              | <b>GROUP ART UNIT</b><br>2645   | <b>ATTORNEY DOCKET NO.</b><br>P20687 |                                |
| <b>APPLICANTS</b><br>Kazutoshi Yasunaga, Kawasaki-shi, JAPAN;<br>Toshiyuki Morii, Kawasaki-shi, JAPAN;<br>Hiroyuki Ehara, Yokohama-shi, JAPAN;   |   |                                  |   |                                      |                                |
| <b>** CONTINUING DATA *****</b><br>THIS APPLICATION IS A CON OF 09/440,092 11/15/1999<br>WHICH IS A DIV OF 09/101,186 07/06/1998 *<br>WHICH IS A 371 OF PCT/JP97/04033 11/06/1997<br>(*) Data inconsistent with PTO records. |   |                                  |   |                                      |                                |
| <b>** FOREIGN APPLICATIONS *****</b><br>JAPAN 8-294738 11/07/1996<br>JAPAN 8-310324 11/21/1996<br>JAPAN 9-34582 02/19/1997<br>JAPAN 9-34583 02/19/1997   |   |                                  |   |                                      |                                |
| <b>IF REQUIRED, FOREIGN FILING LICENSE</b><br><b>GRANTED ** 05/11/2001</b>   |   |                                  |   |                                      |                                |
| Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no<br>35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance   |   | <b>STATE OR COUNTRY</b><br>JAPAN | <b>SHEETS DRAWING</b><br>23   | <b>TOTAL CLAIMS</b><br>21            | <b>INDEPENDENT CLAIMS</b><br>5 |
| Verified and Acknowledged<br>Examiner's Signature _____ Initials _____   |   |                                  |   |                                      |                                |
| <b>ADDRESS</b><br>7055   |   |                                  |   |                                      |                                |
| <b>TITLE</b><br>Excitation vector generator, speech coder and speech decoder   |   |                                  |   |                                      |                                |
| <b>FILING FEE RECEIVED</b><br>888  | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: |                                  | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )<br><input type="checkbox"/> 1.18 Fees ( Issue )<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Credit |                                      |                                |



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 9403

|                                    |   |                     |                               |                                      |
|------------------------------------|---|---------------------|-------------------------------|--------------------------------------|
| <b>SERIAL NUMBER</b><br>09/843,939 | <b>FILING OR 371(c) DATE</b><br>04/30/2001<br><b>RULE</b> | <b>CLASS</b><br>704 | <b>GROUP ART UNIT</b><br>2655 | <b>ATTORNEY DOCKET NO.</b><br>P20687 |
|------------------------------------|---|---------------------|-------------------------------|--------------------------------------|

**APPLICANTS**  
 Kazutoshi Yasunaga, Kawasaki-shi, JAPAN;  
 Toshiyuki Morii, Kawasaki-shi, JAPAN;  
 Hiroyuki Ehara, Yokohama-shi, JAPAN;

**\*\* CONTINUING DATA \*\*\*\*\***  
 This application is a CON of 09/440,092 11/15/1999 PAT 6,330,535  
 which is a DIV of 09/101,186 07/06/1998 PAT 6,453,288 \*  
 which is a 371 of PCT/JP97/04033 11/06/1997  
 (\*)Data provided by applicant is not consistent with PTO records.

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***  
 JAPAN 8-294738 11/07/1996  
 JAPAN 8-310324 11/21/1996  
 JAPAN 9-34582 02/19/1997  
 JAPAN 9-34583 02/19/1997

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**  
**\*\* 05/11/2001**

|  |                                  |                             |                           |                                |  |
|--|----------------------------------|-----------------------------|---------------------------|--------------------------------|--|
| Foreign Priority claimed<br><input type="checkbox"/> yes <input type="checkbox"/> no   | <b>STATE OR COUNTRY</b><br>JAPAN | <b>SHEETS DRAWING</b><br>23 | <b>TOTAL CLAIMS</b><br>21 | <b>INDEPENDENT CLAIMS</b><br>5 |  |
| 35 USC 119 (a-d) conditions met<br><input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance |                                  |                             |                           |                                |  |
| Verified and Acknowledged  | Examiner's Signature             | Initials                    |                           |                                |  |

**ADDRESS**  
7055

**TITLE**  
AN EXCITATION VECTOR GENERATOR AND A METHOD FOR GENERATING AN EXCITATION VECTOR INCLUDING A CONVOLUTION SYSTEM

|                                   |   |   |
|-----------------------------------|---|---|
| <b>FILING FEE RECEIVED</b><br>888 | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )<br><input type="checkbox"/> 1.18 Fees ( Issue )<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Credit |
|-----------------------------------|---|---|